

Date: Fri, 28 Oct 94 04:30:30 PDT
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: List
Subject: Ham-Equip Digest V94 #393
To: Ham-Equip

Ham-Equip Digest Fri, 28 Oct 94 Volume 94 : Issue 393

Today's Topics:

AMP for cellular phone (800 MHz)
Antenna ???'s: Longer coax or shorter antenna?
Drake R8 For Sale
For Sale
HELP: Conformal Coating HF PCBs
Icom R70 problem
Kenwood HF and accessories 4 sale
Kenwood HT 22AT
Mods for the YAESU FT 712 RH needed
REAL BASIC CW Ques.
seeking comments re. Kenwood 251A
Service manuals needed
Undeliverable Message
Wanted! Alinco DR-130
Yaesu FT840 vs. ICOM IC728:Opinions Wanted

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Oct 1994 13:30:56 -0700
From: rdcole@crl.com (Ron Cole)
Subject: AMP for cellular phone (800 MHz)

Miller Ohad (4z9chb@pc.4z7aba.ampr.ORG) wrote:
: Hello,
: I am looking for information aboutany amplifier for cellular phone or
: transceiver for the 800 MHz band (the cellular phone band).

I wish I had seen this earlier. I just threw away a Cell Phone amplifier. It as a 1 Watt in 50 Watt our amplifier. It needed 4 amps at 24 vdc. I think the thing was built by AT&T. How you would get a mobile cell phone connected it this thing I would not begin to guess. I came of a local Cell site that was being upgraded a couple of years ago.

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Ron Cole                Internet:rdcole@crl.com    ICBM:29 31.03 N
N5HYH                  CIS:70325,102                98 25.55 W
CE KZEP/KHBL           AX25:N5HYH @ K3WGF.STX.NA
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Date: 27 Oct 1994 13:58:30 GMT
From: n0dh@comtch.iea.com (D.C. Henderson)
Subject: Antenna ???'s: Longer coax or shorter antenna?
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Peter Rimmel (k8unp@bcfreenet.seflin.lib.fl.us) wrote:

: dbarton@unix.cc.emory.edu wrote:

: : Greetings fellow hams. I have a technical question regarding the setup
: : for my first installation. I will be setting up an SGC-2000 HF rig
: : which will be used with an antenna tuner, and (probably) a 26' whip
: : antenna. I would also like to set up a VHF antenna to attach to my
: : HTX-202, and hoped for future VHF base/mobile unit.

: : The physical layout is as follows: The highest point on the roof is the
: : chimney, and I would like to strap the mounting clamps for the antenna(s)
: : to this. The only other alternative is mounting the bracket *behind* the
: : eaves (this is a condo, and there can be no external scars when the
: : antennas are removed in about a year). The problem is this. There is a
: : good mounting site outside the window where the equipment will be, but
: : that room is on the opposite side of the building from the aforementioned
: : chimney. My question is, where is the point of diminishing returns for
: : length of coax vs. height of antenna? If I mount the antenna(s) on the
: : eaves outside the window where the equipment will be, I can get away with
: : 15 feet of coax at the outside. If I mount the antenna on the chimney, I
: : get approximately 6 more feet of height, but it will require about 60
: : feet of coax. I know from my fledgling study (Tech- license) that the
: : shorter the coax the better, but how much do I gain in performance with
: : that extra 6 feet of altitude?

: : A few other details of note, the building is near sea level, next to
: : Mission Bay in San Diego, CA. There are hills close by (within 5 miles)
: : in basically all directions, but the building has two stories, and is
: : equivalent in height to the tallest buildings within sight range.

: : I do have one other question. It will likely be necessary to sink a
: : ground rod. Assuming that I will be able to mount the antenna on the
: : chimney, it will be an advantage to place the ground rod on the same side
: : of the building. Is it ok to run a ground wire for the equipment back to that
: : side of the building, or will it be necessary to sink another ground rod
: : where the equipment will be? Is this even possible, or do the antenna
: : and the equipment need to be attached to the same ground for
: : safety/propagation reasons?

: : Many thanks for any and all help, e-mail responses are welcome, and I do
: : check this group often if e-mail is not possible.

: : On the road to General class...

: : Doug
: : KE6LZM
: Doug:

: Put the Ground rod nearest your rig... make the ground lead as short as
: possible, and preferably not resonant.

: The antenna placement, relatively speaking, is not critical. Put it as
: high as possible, but also not near other structures. If the low spot is
: clearer, use it. The small height difference will not be noticable for
: those you listed.

: The Coax losses are similarly not too critical on HF. On VHF, yes, the
: shorter "might" be a little better, but I doubt it
: Use a good quality low loss Coax such as RG 8X (foam Core) or RG-213 .

: Good Luck Have fun 73, de Pete K8UNP

: --

: Peter Rimmel
: k8unp@bcfreenet.seflin.lib.fl.us

Date: Tue, 25 Oct 94 12:10:00 -0400
From: steven.barrow@canrem.com (Steven Barrow)
Subject: Drake R8 For Sale

For Sale:

Drake R8 Communications Receiver

Only 2 months old! Just like new!

CND\$900.00 (cash. cheque or money order)

^^^^^^^^^^

Includes UPS standard shipping to anywhere in North America.

Respond via E-Mail: steven.barrow@canrem.com or call (905)876-2448 and leave a message.

Date: 27 Oct 94 13:02:00 GMT

From: MUENZLERK@CR.MSMAIL.UTHSCSA.EDU (Muenzler, Kevin)

Subject: For Sale

For Sale FOR PARTS:

Heathkit HW-2036 with assembly manual: \$25

Unit was damaged by voltage regulator failure in car and due to Heath no longer being in business, I decided not to bother trying to repair it.

Kevin

Legal stuff:

The above opinions are my own and not necessarily those of the staff, faculty, administration, or lab animals (woof!) of The University of Texas Health Science Center at San Antonio or anyone else who is not me.

Kevin R. Muenzler, WB5RUE

muenzlerk@uthscsa.edu

The University of Texas Health

Science Center at San Antonio,

Department of Computing Resources

| I am Voltohm of Borg!

| Resistance is E/I!

| Power is EI!

Date: Thu, 27 Oct 1994 05:14:59 GMT

From: Chris Arai <arai@rahul.net>

Subject: HELP: Conformal Coating HF PCBs

A friend of mine just purchased a Yaesu FT840 which she is putting in her boat for a cruise to the Carribean. Upon inspection of the radio, I see that it doesn't have any conformal coating on the circuit boards. Since this radio will spend its life on a boat in the Tropics, I suspect that conformal coating would be useful. My questions are:

1. What risks do I run by coating the circuit boards with a conformal coating (aside from voiding the warranty.)
2. What type of conformal coating is recommended, ie acrylic, urethane, etc.?
3. Will this actually extend the life of the unit, or will something that I can't coat actually fail first anyway?

Thanks in advance.

Chris Arai

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Chris Arai <arai@rahul.net>

Date: 26 Oct 1994 19:11:58 GMT
From: Scott NQ3I <71674.16@CompuServe.COM>
Subject: Icom R70 problem

I have an old R70 that recently developed a strong birdie on 9.465 MHz that renders it useless around the 31 meter band. Anybody had a similar problem who can recommend fixes? Thanks all advice.

Date: 26 Oct 1994 14:08:01 -0400
From: ni4k@aol.com (NI4K)
Subject: Kenwood HF and accessories 4 sale

Kenwood TS430s with mike, pwr cord and manual-----\$475
Kenwood YK88A am filter -----\$40
Kenwood MC-85 desk mike-----\$90
Kenwood MC60 desk mike-----\$80

Prices include ups in continental US.
can fax specs on TS430s if you want or call me at (908)462-3998 after 7pm eastern time.

Larry---ni4k@aol.com

Date: Wed, 26 Oct 1994 22:51:36 -0200
From: kham@@network.ucsd.edu

Subject: Kenwood HT 22AT

In article <9410231852.AA38014@northstar.k12.ak.us>,
lthfbjk@northstar.k12.ak.US (Bud Kuenzli) wrote:

> I am considering purchasing a Kenwood HT 22AT for both myself and my
> wife for use a communications device between snowmachines. I have been told
> that we would be able to rig up a VOX system and filter out the unwanted
> snowmobile noise and be able to speak to each other. There are simple
> headsets (non-2 meter tubes) on the market for such use but nobody I know
> likes them.
> Does anyone have any comments on the Kenwood 22AT or have other
> recommendations? Does anyone have a good source for them (I cannot
> purchase any locally). Does anyone have a source for a mics and earphones I
> can hook up to them, and finally, does anyone know about a mic that is part
> of an earphone that "hears" you via the bones of your inner ear? I have
> seen such a unit advertised more than once but don't know how effective it
> would be. If it worked it would be great because up here where we ride at
> -30 a mic can tend to freeze over with your breath as it freezes on the
> mic!
> Any comments would be appreciated on helping to set this up.
>
> I cannot get into the usenet portion of the internet so any replies
> must be posted here or be sent to me via e-mail
> lthfbjk@northstar.k12.ak.us

I have a TH 22 and it is one heck of a good HT. Audio is excellent
and it outputs 3 watts with standard battery, 5 with larger one, and is
minute in size . Only lacks illuminated keypad, I guess Kenwood figured
we could program it in the light. I see the the Kenwood HMC-2 is the
Headset with VOX-PTT although I don't have a price for it. As far s
buying one buy or get a QST or CQ Mag and you will find dozens of mail
order firms. HRO or Tucher have been good for me. And the prices are
very reasonable.

Good Luck! Dave KA7HDN/AE

Date: 27 Oct 94 13:41:01 GMT
From: Karl-Heinz.Merscher@uvw.uni-bayreuth.DE (Karl-Heinz Merscher)
Subject: Mods for the YAESU FT 712 RH needed

Hi fellows,

does anybody have mods for the YAESU FT 712 RH?? I only saw mods
for the 2 m modell FT 212 RH.

73 de DL6RDE/AA1KD, Charlie

Date: Thu, 27 Oct 1994 13:08:06 GMT
From: simond@che.chalmers.se (Simon Danielsson)
Subject: REAL BASIC CW Ques.

In article <1994Oct14.095848.51635@ucl.ac.uk> zcap134@ucl.ac.uk (Redvers Llewellyn Davies) writes:

>From: zcap134@ucl.ac.uk (Redvers Llewellyn Davies)
>Subject: Re: REAL BASIC CW Ques.
>Date: Fri, 14 Oct 1994 09:58:48 GMT

>rgoetze@pica.army.mil writes:

>>I'm new at EVERYTHING - this group, amatuer radio, everything.

>>I'm just learning code and would like an inexpensive source for
>>a (probably the wrong terminology) tone generator/code key. It
>>would be helpful to hear the sounds and practice keying. I know
>>places like Radio Shack used to sell items like this, but I can't
>>seem to find a source. Thanks for any help.

>Use a pitzo-electric buzzer or a 555 timer. You should be able to pick up the
>former at Radio Shack.

>Regards Red, GW0TJO

Date: 26 OCT 94 12:21:37 GMT
From: donahued@wc5.wl.aec1.ca
Subject: seeking comments re. Kenwood 251A

Hello,

I am considering buying a Kenwood 251A and would appreciate any
comments (good or bad).

Thanks,
Dave

73 de VE4DCD

David Donahue
Senior Systems Analyst
Internet: donahued@wl.aecl.ca
Voice: (204) 753-2311 x2309

AECL Research
Whiteshell Laboratories
Pinawa Manitoba
Canada R0E 1L0

Date: 27 Oct 94 20:28:33 GMT
From: FLETCHER@vilas.uwex.EDU (Bill Fletcher, RM:7135, #:6-6667)
Subject: Service manuals needed

I am in need of service manuals for the following:

I am still looking for a manual for a VHF amp called Sheatron. It's range is from 134-174 mhz and it has 100 watts output for 10 watts input. I do not know anything else about the company.

The second item is an Olympia Electronic Compact R0. It is a printer with no keyboard. The company does not have anymore manuals on it because it is a 1980's model. So they say.

Any help would be appreciated. Thanks!

Bill

* Bill Fletcher AF9B fletcher@vilas.uwex.edu *
* Wisconsin Public Radio Packet: AF9B@WD9ESU.#SCWI.WI.USA.NA *
*
* 821 University Ave. Voice: 608-266-6667 *
* Room 7135
* Madison, Wis 53706

Date: 27 Oct 94 17:20:00 GMT
From: MAILER-DAEMON@banyan.dgim.doc.CA
Subject: Undeliverable Message

To: Ham-Equip@UCSD.EDU
Cc:
Subject: Ham-Equip Digest V94 #390

Message not delivered to recipients below. Press F1 for help with VNM error codes.

VNM3043: Tony Komljanec@Toronto DIST@DGO Tor_D ADMSR

----- Error number Explanation Follows -----

VNM3043 -- MAILBOX IS FULL.

The message cannot be delivered because the recipient's mailbox contains the maximum number of messages, as set by the system administrator. The recipient must delete some messages before any other messages can be delivered.

The default limit is 1000 messages. Administrators can set lower limits if required using the Change mailbox settings function available in the Manage User menu (MUSER). The 1000 message limit is the maximum allowed by the Mail program. If this limit is reached, the recipient must delete some of the messages before the mailbox can accept any more incoming messages.

----- Original Message Follows -----

The original message was larger than the viewing area. It cannot be displayed as is. Therefore, it has been stored in the file 'mail.txt'. Please view this file in order to read the message.

Thank you.

Date: 27 Oct 1994 02:35:36 GMT
From: smitty@azol.com (Bruce Smith)
Subject: Wanted! Alinco DR-130

I'm looking for an Alinco DR-130 2 meter mobile or something similar to use as a simplex rig in the shack. If you have one your would like to sell please drop me a line with a price and description.

Thank you, Smitty smitty@azol.com

Date: Thu, 27 Oct 1994 03:33:18 GMT
From: Chris Arai <arai@rahul.net>
Subject: Yaesu FT840 vs. ICOM IC728:Opinions Wanted

I am interested in opinions as to the pros and cons of the Yaesu FT840 vs the ICOM IC 728. There doesn't seem to be much difference other than the receiver on the 728 is triple conversion vs double on the 840, and the 728 comes with built in FM coverage. The price difference is >\$200.

What do you get for the price difference? I've seen the inside of the 840 and it appears to be well made, but it is lacking any conformal coating.

Any opinions will be appreciated.

thanks,
chris

--

Chris Arai <arai@rahul.net>

End of Ham-Equip Digest V94 #393
